

Applicant: Mario Meggiolan
Application No.: 10/736,325

Amendments to the Specification:

Please amend the following paragraphs as follows:

[0013] According to an additional preferred characteristic, the ring forming each electrical contact on the battery holder container has an external surface defining a round recess for receiving and axially locking the respective contact pin in the seat receiving the battery holder container. In this way, the contact pins also perform a mechanical retaining function. According to an additional preferred characteristic, the ring forming each electrical contact on the battery holder container has an external surface defining a round recess for receiving and axially locking the ~~respect~~ respective contact pin in the seat receiving the battery holder container. In this way, the contact pins also perform a mechanical retaining function.

[0029] With reference to FIG. 3, the battery holder container 3 presents an elongated tubular cylindrical conformation, which is closed on one end by a partition 3a and on the opposite end by a cap 3b, which is clipped on and welded to the body of the container 3, such elements being both made of plastic insulating material. The container 3 has two round grooves 3c on the upper end, which receive two circular cross-section rubber rings 9, suitable for grasping easily the upper end of the container 3. On the lower end, the container 3 presents a cylindrical portion

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10, which is to be received inside the seat 6. A circular cross-section rubber ring 11, a metallic conductive material ring 12, a plastic material shim ring 13, an additional metallic conductive material ring 14, an additional rubber ring 15 and finally a cap 3b are arranged in sequence on the cylindrical portion 11. The two metallic rings 12, 14 are reciprocally isolated and form two electrical contacts which are respectively connected to the two terminals of the battery, or of the batteries, arranged inside the container 3. This connection is attained by means of the respective conductor wires, or metallic reeds, which are arranged inside the container 3, and which project from the container through a slot 26, arranged in the cylindrical portion 10 so as to be connected to the two rings 12, 14. As mentioned, however, any number of electrical contacts can be arranged. The two rubber rings 11, 15 ensure tightness, preventing infiltration of water in the area of the electrical contacts 3. As mentioned, the cap 3b is permanently welded to the container 3 after inserting the batteries. The latter can be made according to any known technique and are rechargeable.

[0031] When the battery holder container 3 is received in the seat 6, the two rings 12, 14 establish contact with the two contact pins 17, 18 (also see FIG. 2). Preferably, the external surface of the ring 12 and the ring 14 is formed to present a circumferential groove with a rounded cross-section, to provide an axial retention

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with respect to the contact pins 17 or 18. In this way, the two pins 17, 18 ensure both the mechanical connection and the electrical connection. The surface thus formed of each ring 12, 14 also produces a cam effect ~~with~~ that determines the retraction of the pins 17, 18 when the battery holder container 3 is extracted.